3M™ Fall Protection

3M™ and DEUS™ Escape and Rescue Products

Taking escape and rescue to new heights

DEUS™ Escape and Rescue Products distributed by 3M

Escape and rescue made quick and simple.

When things go wrong 500 feet in the air, you want a quick, simple way to get yourself or another person down safely. 3M offers real solutions for escape and rescue, built around descent technology that is innovative and designed for ease of use. This can assist with escape and rescue for workers on towers, cranes, platforms, scaffolding, aerial lifts, rigs and in other at-height environments.

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THE NEED FOR RESCUE PLANS

Descent and rescue devices are used to retrieve an injured worker, and lower him to the ground. Employers must have a rescue plan that provides the prompt rescue of employees in the event of a fall or ensures that employees are able to rescue themselves.

Rescue Plan Required by OSHA in the U.S.

OSHA 1926.502 (d)(20): The employer shall provide for prompt rescue of employees in the event of a fall or shall assure that employees are able to rescue themselves.

OSHA 1910.66 Appendix C Section III. (g): "Rescue considerations." As required by the standard (Section I Paragraph (e)(8)), when personal fall arrest systems are used, the employer must assure that employees can be promptly rescued or can rescue themselves should a fall occur. The availability of rescue personnel, ladders or other rescue equipment should be evaluated. In some situations, equipment which allows employees to rescue themselves after the fall has been arrested may be desirable, such as devices which have descent capability.

Rescue Plan Required by OHS (Occupational Health and Safety)

Rescue plan regulations – written rescue procedures must be in place and executed before any use of a fall arrest system. A rescue plan is required for any person at height.*

Legislation standards require that where a worker is exposed to the hazard of falling more than 3 meters, the worker will wear a serviceable safety belt or harness and lifeline so that the worker cannot fall freely for a vertical distance of more than 1.5 meters; and before any use of a fall arrest system, the worker's employer shall develop written procedures for rescuing the worker after his or her fall has been arrested.**

** Statement above relates to Ministry of Labour, Province of Ontario.*
*** Statement will vary by Provincial Legislation. Please contact your local governing body for exact wording on rescue plan definition in your own jurisdiction.*

CONSIDERATIONS WHEN CHOOSING AN ESCAPE AND RESCUE DEVICE

1 What specific capabilities do you need?

- ESCAPE – individual and/or multi-person
- ASSISTED RESCUE – including 2 person
- SELF-RESCUE after a fall
- RESCUE TRAINING

2 What is your environment?

- General Industrial/Manufacturing
- Tower Climbing
- Oil & Gas
- Mining
- Construction
- Utilities/Bucket Trucks

3 Are there hazards that could jeopardize the safety of the worker during an escape or rescue descent?

- Consider a device that allows the user to stop and go and change speed at any time during the descent to help avoid hazards.

4 Descent speed/standards

- Up to 2m/sec. (6.6 ft./sec.) (ANSI, CSA and EN certified)
- Up to 3m/sec. (9.8 ft./sec.)

5 What height are you working at?

- This determines rope length requirements.

6 Portability

- Consider a device that allows for the option to carry device with worker or to anchor device to anchorage connector.

Taking escape and rescue to new heights

3M™ and DEUS™ Controlled Descent Device Features

LIGHTWEIGHT & PORTABLE

Lightweight and pocket-sized device is easy to carry with you.

- 3700 device is just 2.8 lbs. (1.27 kg) without rope and carabiner
- 3300 device is just 2 lbs. (0.9 kg) without rope and carabiner

Lightweight rope for controlled descent does not require user to double up the rope with device making overall weight of system easier to transport.

- 100 feet of 8 mm rope is 3.3 lbs. (1.49 kg)
- 100 feet of rope for 100 feet of controlled descent distance (vs. 100 feet of rope for 50 feet of controlled descent distance, like other rescue systems in the market)

3300 DEVICE

3700 DEVICE

WHEN SECONDS COUNT

Descent speed limited to a safe 2 or 3 meters/second, (6.6 or 9.8 feet/second) depending on model.

YOUR ALL-IN-ONE ESCAPE AND RESCUE SYSTEM

Use the 3700 or 3300 device for a variety of rescue applications at heights up to 590 feet* including individual and multi-person escape, self-rescue, and assisted rescue including 2 person rescue.

**590 feet applies to 3700 device.*

IDEAL FOR USE IN HARSH ENVIRONMENTS

Features a rock-solid case and steel, brass and titanium components. Sealed internal brakes are protected from corrosion.

STAY IN CONTROL

The control dial is all you need for a completely controlled descent, even with heavy gloves. Stop or go and change speed anytime during descent with a twist of the dial.

COST-SAVING VERSATILITY

The rope is not integrated which means the same device can be used with different rope lengths based on working height or training requirements. The descent device can also be used for emergency and training purposes simply by switching out training rope. User can replace rope in seconds.

Use only with 3M and DEUS rope for work and training.

3M™ and DEUS™ ropes are engineered and crafted for safety, performance and to work in synergy with 3M™ and DEUS™ equipment under a variety of specific, often extreme conditions. A range of different polymer fibers and braiding techniques are used to make 3M and DEUS ropes with specific properties to ensure your 3M and DEUS 3000 Series devices work properly and to the appropriate standards.

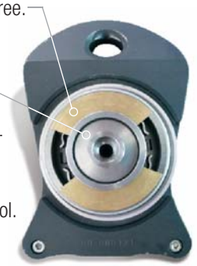
7.5 mm and 8 mm rope has polyester sheath and Technora core which is fire resistant to 925°F.

12 mm belay rope and 7.5 mm blue RTU ropes have a polyester sheath and nylon core.

PEACE OF MIND

Four independent brakes provide reinforced safety.

1. Drum brake with oversize control dial for adjusting descent speed or to “stop” or “go” hands free.
2. Centrifugal brake automatically guards against free fall.
3. Figure-8 – hands-free and self-adjusting – for redundant safety.
4. Manual rope tailing brake for precise control.



LIMITED LIFETIME WARRANTY

The same device can be used year after year even if used for an escape or rescue. Always return device after use in an emergency evacuation situation or every three years for inspection by a DEUS authorized repair center.

REDUCED HEAT BUILD-UP

“Away-from-rope” braking reduces heat and mechanical damage. Combined with fire resistant rope (to 925° F), the controlled descent system provides superior performance.

Training required before use. Please contact your 3M Representative.

Training required before use. Please contact your 3M Representative.

CONTROLLED DESCENT DEVICES

Each of the 3M™ and DEUS™ 3000 Series devices provides simple, hands-free operation, quadruple-redundant brakes to guard against free fall, “carry-it-with-you-always” portability and rugged construction. When lives are on the line, trust 3M and DEUS for personal escape and rescue.

What really sets the 3M and DEUS 3000 Series apart from the rest is the amazing versatility. Devices in the 3M and DEUS 3000 Series are useful tools in multiple situations. Each 3000 Series device can provide a safe, simple basis for individual and multi-person escape, assisted rescue, self-rescue, work positioning, travel restraint, and rescue training.

Compared to other controlled descent solutions, the 3M and DEUS 3000 Series is the top of the class with its advanced technology, unmatched ease-of-use, superior safety and practical portability. And the amazing versatility puts the 3M and DEUS 3000 Series in a class all its own.

Convenient kit options available for emergency evacuation and/or rescue.

3700 CONTROLLED DESCENT DEVICE

3M Product No.: 3700

TECHNICAL

Approved for 1 person or 2 person use*

Operation:	Hands-free or manual
Descent Rate:	**2 meters/second** (6.6 feet/sec) at 310 lbs. (140.61 kg)
Min. Weight:	130 lbs. (59 kg) per ANSI 88 lbs. (40 kg) per CSA and EN
Max. Weight*:	310 lbs. (140 kg) per ANSI 275 lbs. (125 kg) per CSA and EN
Max. Descent Height:	1 person 590 ft. (180 m)
Rope:	Use 3M™ and DEUS™ 8 mm orange kernmantle rope

CONSTRUCTION

Aluminum, stainless steel, titanium and brass

WEIGHT & DIMENSIONS

Weight without rope and carabiner:	2.8 lbs (1.27 kg)
Dimensions:	5.3" x 3.8" x 2.2" (13 x 10 x 6 cm)
Certifications:	ANSI Z359.4-2007, EN341:2012/Type 1, Class B, CSA Z259.2.3:2012/Type 1, Class B
Warranty:	Limited Lifetime Warranty (Renew every three years)

3300 CONTROLLED DESCENT DEVICE

3M Product No.: 3300

TECHNICAL

Approved for 1 person

Operation:	Hands-free or manual
Descent Rate:	**3 meters/second** (9.8 feet/sec) at 310 lbs. (140.61 kg)
Max. Weight:	310 lbs. (140.61 kg)
Max. Descent Height:	350 ft. (106 m)
Rope:	Use 3M™ and DEUS™ 7.5 mm green kernmantle rope

CONSTRUCTION

Aluminum, stainless steel, titanium and brass

WEIGHT & DIMENSIONS

Weight without rope and carabiner:	2 lbs. (0.9 kg)
Dimensions:	5.3" x 3.5" x 2.1" (13 x 9 x 5 cm)
Certifications:	NFPA 1983: 2012ED “Escape” and “Fire Escape”
Warranty:	Limited Lifetime Warranty (Renew every three years)

** For 2 person descent or heavy loads, always maintain manual control.*

Each device is an all-in-one, all-purpose work and rescue package.

ESCAPE

ESCAPE I INDIVIDUAL

Carry it pre-rigged so it’s ready when you need it – just anchor and go, under manual control or fully hands-free in “stop” or “go” mode.

ESCAPE I RAPID SEQUENTIAL EVACUATIONS

3M™ and DEUS™ 3000 Series devices can be used to safely evacuate people from high places, one after another. No need for re-rigging between descents because 3M™ and DEUS™ 3000 Series devices operate in both directions.

RESCUE

ASSISTED RESCUE

3M™ and DEUS™ 3000 Series devices can be rigged for victim rescue, giving complete control – hands free or manually – to the rescuer, ensuring the victim is lowered to safety quickly and easily.

2-PERSON ASSISTED RESCUE

With the addition of an extra carabiner, each 3M™ and DEUS™ 3000 Series device can be rigged to safely handle a 2-person load under manual control.

SELF-RESCUE AFTER A FALL

The problem with fall protection equipment is that it only stops the fall. Getting down is another matter… and a 3M™ and DEUS™ 3000 Series device can help. Rather than waiting to be rescued (and risking suspension trauma), use a 3M™ and DEUS™ 3000 Series device to rescue yourself.

WORK +

HANDS-FREE WORK POSITIONING

Sometimes there’s work to be done off the ground. Your 3M™ and DEUS™ 3000 Series device is all you need – descend to position, turn the control knob to the “stop” position, ensure tension on the rope, and you can hold your position hands-free while you do your work.

TRAVEL RESTRAINT

While rigged for “escape” or “rescue,” the 3M™ and DEUS™ 3000 Series devices can also provide quick, simple hands-free travel restraint.

Training required before use. Please contact your 3M Representative.

Complete Kits for every kind of task.

3M™ and DEUS™ systems provide a range of complete kits for escape and rescue in a variety of professional markets. Kits are built around the 3M™ and DEUS™ line of unique and highly engineered controlled descent devices. Every system features a compact, lightweight design, easy hands-free operation, and redundant braking to protect against free fall. Combined with an array of innovative rescue tools and accessories, these kits address many rescue needs.

ESCAPE KITS

To provide workers with a safe, simple way down when things go wrong at height, look to the 3M™ and DEUS™ Escape Kits. Each kit provides all the basics, so escape during an evacuation emergency is just “2 clips and go.”

KIT CONTENTS:

Each Escape Kit comes pre-rigged and packed in a sturdy, water-resistant haul bag and includes:

- 3700 Descent Device
- 8 mm Orange Kernmantle Escape & Rescue Rope (available in a variety of lengths)
- 4 ft. Rope-Over-Wire Anchorage Connector
- (3) Carabiners

DEUS 3700 | ESCAPE KITS

Product #	Rope Length
IE37-50	Kit comes with 50 feet of 8 mm orange kernmantle rope
IE37-100	Kit comes with 100 feet of 8 mm orange kernmantle rope
IE37-200	Kit comes with 200 feet of 8 mm orange kernmantle rope
IE37-300	Kit comes with 300 feet of 8 mm orange kernmantle rope
IE37-350	Kit comes with 350 feet of 8 mm orange kernmantle rope

Training required before use. Please contact your 3M Representative.

ESCAPE AND RESCUE KITS

An extensive kit with the tools to support individual and multi-person escape, assisted rescue, and more, for workers at height using the 3700 descent device.

KIT CONTENTS:

Each Escape and Rescue Kit comes pre-rigged and packed in a sturdy, water-resistant haul bag and includes:

- 3700 Descent Device
- 4:1 Rescue Transfer Unit (RTU)*
- 8 mm Orange Kernmantle Escape & Rescue Rope (available in a variety of lengths)
- (2) 4 ft. Rope-Over-Wire Anchorage Connectors
- (3) Carabiners
- (1) Edge Protector

***RTU for lifting and hauling**

The Rescue Transfer Unit (RTU) is a simple and compact lifting and hauling solution. Packed in its own bag, the RTU includes a set of pulleys with 4:1 mechanical advantage, pre-rigged with 3M™ and DEUS™ 7.5 mm blue kernmantle rope, Dyneema® sling and autolock carabiners.

DEUS 3700 | ESCAPE AND RESCUE KITS

Product #	Rope Length
IR37-50	Kit comes with 50 feet of 8 mm orange kernmantle rope
IR37-100	Kit comes with 100 feet of 8 mm orange kernmantle rope
IR37-200	Kit comes with 200 feet of 8 mm orange kernmantle rope
IR37-300	Kit comes with 300 feet of 8 mm orange kernmantle rope
IR37-350	Kit comes with 350 feet of 8 mm orange kernmantle rope

RESCUE TRANSFER UNIT

A rescue transfer unit is a specialized piece of equipment used to raise a person who has fallen and is suspended from a piece of fall-protection equipment in order to transfer the load from the fall-protection device to a rigged and anchored controlled descent device. After the load is transferred to the controlled descent device, the unloaded fall-protection device is released so that controlled descent can proceed.

Training required before use. Please contact your 3M Representative.

OIL & GAS ESCAPE AND RESCUE KITS

Escape and assisted rescue kit for oil & gas applications equipped with triple-lock carabiners and edge protectors to meet safety requirements in the oil & gas industry.

KIT CONTENTS:

Each Oil & Gas Escape and Rescue Kit comes pre-rigged and packed in a sturdy, water-resistant haul bag and includes:

- 3700 Descent Device
- 4:1 Rescue Transfer Unit (RTU)*
- 8 mm Orange Kernmantle Escape & Rescue Rope (available in a variety of lengths)
- (2) 4 ft. Rope-Over-Wire Anchorage Connectors
- (3) Triple-lock Carabiners
- (1) Deluxe Edge Protector

***RTU for lifting and hauling**

The Rescue Transfer Unit (RTU) is a simple and compact lifting and hauling solution. Packed in its own bag, the RTU includes a set of pulleys with 4:1 mechanical advantage, pre-rigged with 3M™ and DEUS™ 7.5 mm blue kernmantle rope, Dyneema® sling and autolock carabiners.

DEUS 3700 | OIL & GAS ESCAPE AND RESCUE KITS

Product #	Rope Length
IR370G-50	Kit comes with 50 feet of 8 mm orange kernmantle rope
IR370G-100	Kit comes with 100 feet of 8 mm orange kernmantle rope
IR370G-200	Kit comes with 200 feet of 8 mm orange kernmantle rope
IR370G-300	Kit comes with 300 feet of 8 mm orange kernmantle rope
IR370G-350	Kit comes with 350 feet of 8 mm orange kernmantle rope

RESCUE TRANSFER UNIT

A rescue transfer unit is a specialized piece of equipment used to raise a person who has fallen and is suspended from a piece of fall-protection equipment in order to transfer the load from the fall-protection device to a rigged and anchored controlled descent device. After the load is transferred to the controlled descent device, the unloaded fall-protection device is released so that controlled descent can proceed.

Training required before use. Please contact your 3M Representative.

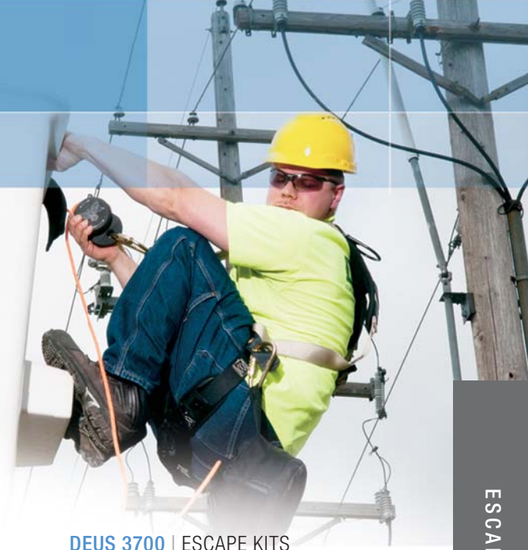
BUCKET TRUCK ESCAPE KITS

Allows bucket truck workers to lower themselves in emergency situations.

KIT CONTENTS:

Each Bucket Truck Kit comes pre-rigged and packed in a sturdy, water-resistant haul bag and includes:

- 3700 Descent Device
- 8 mm Orange Kernmantle Escape & Rescue Rope (available in a variety of lengths)
- (3) Carabiners
- (2) Edge Protectors



DEUS 3700 | ESCAPE KITS

Product #	Rope Length
BT-100	Kit comes with 100 feet of 8 mm orange kernmantle rope
BT-150	Kit comes with 150 feet of 8 mm orange kernmantle rope
BT-200	Kit comes with 200 feet of 8 mm orange kernmantle rope
BT-300	Kit comes with 300 feet of 8 mm orange kernmantle rope

Angled Descent Kit for Rig Escape

For an easy-to-use, reliable zip system, use the 3M™ and DEUS™ Angled Descent Kit with a 3M™ and DEUS™ Escape and/or Rescue Kit. Ideal for Oil & Gas applications, the Angled Descent Kit features a special gate that's easy to open with one hand and allows for quick connection to a guy line for quick angled descent in emergency situations. Angled Descent Kit comes with strap and carabiner to connect guy line to worker's harness. Must be used with a 3M™ and DEUS™ Escape and/or Rescue Kit. See page 17 for additional information.

Training required before use. Please contact your 3M Representative.

TOWER ESCAPE KITS

The Tower Escape Kit offers a complete escape kit for those who work on wind, telecommunications or utility towers.

KIT CONTENTS:

Each Tower Escape Kit comes pre-rigged and packed in a sturdy, water-resistant haul bag and includes:

- 3300 Descent Device
- 7.5 mm Green Kernmantle Escape & Rescue Rope (available in 300 and 350 foot lengths)
- (3) Carabiners
- 4 ft. Rope-Over-Wire Anchorage Connector

DEUS 3300 | TOWER ESCAPE KITS

Product #	Rope Length
GE33-300	Kit comes with 300 feet of 7.5 mm green kernmantle rope
GE33-350	Kit comes with 350 feet of 7.5 mm green kernmantle rope

Training required before use. Please contact your 3M Representative.

TOWER ESCAPE AND RESCUE KITS

Handle any type of tower emergency with this lightweight, compact kit. For professionals on wind, electrical or utility towers or other high structures, this kit is ideal for individual and multi-person escape and assisted rescue.

KIT CONTENTS:

Each Tower Escape and Rescue Kit comes pre-rigged and packed in a sturdy, water-resistant haul bag and includes:

- 3300 Descent Device
- 4:1 Rescue Transfer Unit (RTU)*
- 7.5 mm green kernmantle Escape & Rescue Rope (available in 300 and 350 foot lengths)
- (3) Carabiners
- (2) 4 ft. Rope-Over-Wire Anchorage Connectors
- (1) Edge Protector

***RTU for lifting and hauling**

The Rescue Transfer Unit (RTU) is a simple and compact lifting and hauling solution. Packed in its own bag, the RTU includes a set of pulleys with 4:1 mechanical advantage, pre-rigged with 3M™ and DEUS™ 7.5 mm blue kernmantle rope, Dyneema® sling and autolock carabiners.

DEUS 3300 | ESCAPE AND RESCUE KITS

Product #	Rope Length
GR33-300	Kit comes with 300 feet of 7.5 mm green kernmantle rope
GR33-350	Kit comes with 350 feet of 7.5 mm green kernmantle rope

RESCUE TRANSFER UNIT

A rescue transfer unit is a specialized piece of equipment used to raise a person who has fallen and is suspended from a piece of fall-protection equipment in order to transfer the load from the fall-protection device to a rigged and anchored controlled descent device. After the load is transferred to the controlled descent device, the unloaded fall-protection device is released so that controlled descent can proceed.

Training required before use. Please contact your 3M Representative.

3M™ and DEUS™ 7300

Back-up Belay for Rescue Training and Fixed Evacuations

Ideal for training or rescue, the 3M™ and DEUS™ 7300 Controlled Descent Device is a completely hands-free back-up belay. Allows user to experiment with and perfect standard operating procedures for bailout, evacuation and rescue with confidence, knowing that back-up belay is automatic and done right. Also ideal as a primary system at extreme heights for single person or sequential fixed evacuations.

7300 CONTROLLED DESCENT DEVICE

3M Product No.:	7300
TECHNICAL	Approved for Back-up Belay or Fixed Evacuations
Operation:	Manual
Descent Rate:	**2 meters/second** (6.6 feet/sec) at 310 lbs. (140.61 kg)
Max. Weight:	310 lbs. (140 kg) per ANSI, 275 lbs. (125 kg) per CSA, 330 lbs. (150 kg) per EN
Max. Descent Height:	1 person 590 ft. (180 m)
Rope:	Use 3M and DEUS 12 mm kernmantle rope
CONSTRUCTION	Anodized Aluminum and Stainless Steel
WEIGHT & DIMENSIONS	
Weight without rope:	15.2 lbs. (6.89 kg)
Dimensions:	7.9" x 9.4" x 3.0" (20 x 24 x 7.5 cm)
Certifications:	NFPA 1983 (2012 ED) General Use "G" ANSI 359.4 (2007 ED) Multiple Use CSA Z259.2.3 (2012 ED) Type 1, Class A EN341 (2012 ED) Type 1, Class A
Warranty:	Limited Lifetime Warranty (Renew every three years)

VIGILANT – Unlike human belay operators, the DEUS 7300 instantly and automatically brings worker safely to the ground if their primary system fails.

RE-RIGGING UNNECESSARY – This system is designed for repetitive use with rope running through the 7300 reversibly at all times allowing for back-to-back evolutions.

PROVEN RELIABLE – NFPA, ANSI, CSA and EN certified.

INSTANT AND AUTOMATIC BACK-UP – If descent speed exceeds 2 meters per second, the 7300 instantly and automatically takes control to guard against free fall. The 7300 features a "soft engagement" to prevent shock load and injury.

HIGHLY FLEXIBLE – Rig to a high anchor to support multiple sequential descents without re-rigging. Rig the system to an anchor on the ground, running the belay line through a high-anchor pulley, if you want to control descent via the free end of the rope. The rope is not integrated and can be replaced in seconds.

Made in Germany
Made by DEUS Rescue GmbH
Bietigheim-Bissingen, Germany
Distributed by 3M Company
Always close before use.
Cierre siempre antes de su uso.
Toujours fermer avant utilisation.
Place rope according to diagram.
Coloque la cuerda según el diagrama.
Placez la corde selon le dessin.

BACK-UP BELAY KITS

Built around the innovative 7300 device, these kits provide superior belay to primary systems. The 7300 engages automatically, limits shock load and controls descent all the way to the ground.

KIT CONTENTS:

Each Back-up Belay Kit comes pre-rigged and packed in a sturdy, water-resistant haul bag and includes:

- 7300 Back-up Belay Device
- 12 mm White Kernmantle Escape & Rescue Rope with storage bag (available in 100 and 200 foot lengths). Rope storage bag will be size small or medium based on rope length ordered. Rope bag not shown above.
- (4) Carabiners
- 4 ft. Rope-Over-Wire Anchorage Connector
- (2) "O" Rings

DEUS 7300 | BACK-UP BELAY KITS

Product #	Rope Length
BI73-100	Kit comes with 100 feet of 12 mm white kernmantle rope
BI73-200	Kit comes with 200 feet of 12 mm white kernmantle rope

Training required before use. Please contact your 3M Representative.

Training required before use. Please contact your 3M Representative.

Kernmantle Rope	Product #	Description
For use only with 3300 Device* 7.5 mm green rope is NFPA-certified	**A2W-7.5L-50**	7.5 mm green kernmantle rope, 50 ft. Length, 1 each
	A2W-7.5L-100	7.5 mm green kernmantle rope, 100 ft. Length, 1 each
	A2W-7.5L-200	7.5 mm green kernmantle rope, 200 ft. Length, 1 each
	A2W-7.5L-300	7.5 mm green kernmantle rope, 300 ft. Length, 1 each
	A2W-7.5L-350	7.5 mm green kernmantle rope, 350 ft. Length, 1 each
For use with 3700 Device*	**A2W-8.0-50**	8 mm orange kernmantle rope, 50 ft. Length, 1 each
	A2W-8.0-100	8 mm orange kernmantle rope, 100 ft. Length, 1 each
	A2W-8.0-150	8 mm orange kernmantle rope, 150 ft. Length, 1 each
	A2W-8.0-200	8 mm orange kernmantle rope, 200 ft. Length, 1 each
	A2W-8.0-300	8 mm orange kernmantle rope, 300 ft. Length, 1 each
	A2W-8.0-350	8 mm orange kernmantle rope, 350 ft. Length, 1 each
	A2W-8.0-400	8 mm orange kernmantle rope, 400 ft. Length, 1 each
	A2W-8.0-500	8 mm orange kernmantle rope, 500 ft. Length, 1 each
	A2W-8.0-590	8 mm orange kernmantle rope, 590 ft. Length, 1 each
For use with 7300 Device	**83208-100**	12 mm white belay kernmantle rope, 100 ft. Length, 1 each
	83208-200	12 mm white belay kernmantle rope, 200 ft. Length, 1 each
	83208-300	12 mm white belay kernmantle rope, 300 ft. Length, 1 each
	83208-350	12 mm white belay kernmantle rope, 350 ft. Length, 1 each
	83208-400	12 mm white belay kernmantle rope, 400 ft. Length, 1 each
	83208-500	12 mm white belay kernmantle rope, 500 ft. Length, 1 each
	83208-590	12 mm white belay kernmantle rope, 590 ft. Length, 1 each
For use with RTU kit	**2WP-7.51-050**	7.5 mm blue kernmantle rope, 50 ft. Length, 1 each

**When purchasing replacement rope or need a different length rope for an existing device, see 3700 device backplate to determine rope requirements. The last three digits of the model number indicate the version of the device and which rope to use. All model numbers ending in -005 will use 3M and DEUS 8 mm orange kernmantle rope. All model numbers ending in -004 are earlier models and will use 3M and DEUS 7.5mm green kernmantle rope.*

Training required before use. Please contact your 3M Representative.

ANCHORS | Rope-Over-Wire (ROW)

3M™ and DEUS™ Rope-Over-Wire (ROW) anchorage connectors combine the flexibility and ease-of-use of synthetic rope with the strength, durability and cut-resistance of steel cable.

Color:	Green
Strength:	Rated to 7,000 lbs.
Construction:	Polyester over galvanized steel
Cable Diameter:	1/4"
Total Diameter:	12.5 mm
Weight:	4 ft – 1.32 lbs (0.6 kg) 6 ft – 1.65 lbs (0.75 kg) 8 ft – 1.98 lbs (0.90 kg)
Certification:	NFPA 1983:2012 "General Use"; ANSI Z359.1-2007

Product #	Description
DR-0832G-04	Green 4 ft. Length, 1 each
DR-0832G-06	Green 6 ft. Length, 1 each
DR-0832G-08	Green 8 ft. Length, 1 each

Color:	Safety Orange
Strength:	Rated to 10,000 lbs.
Construction:	Polyester over galvanized steel
Cable Diameter:	3/8"
Total Diameter:	17.5 mm
Weight:	4 ft – 2.86 lbs (1.3 kg) 6 ft – 3.52 lbs (1.6 kg) 8 ft – 4.18 lbs (1.9 kg)
Certification:	NFPA 1983:2012 "General Use"; ANSI Z359.1-2007

Product #	Description
DR-12320-04	Orange 4 ft. Length, 1 each
DR-12320-06	Orange 6 ft. Length, 1 each
DR-12320-08	Orange 8 ft. Length, 1 each

Angled Descent Kits	Product #	Kit Description
	ADK-GI	Angled Descent Kit for attachment to guy line allowing for quick angled descent in emergency situations. Angled Descent Kit includes device, strap and carabiner to connect guy line to worker's harness. Must be used with a 3M™ and DEUS™ Escape and/or Rescue Kit.
	ADK-OG	Angled Descent Kit for attachment to guy line allowing for quick angled descent in emergency situations. Angled Descent Kit includes device, strap and carabiner to connect guy line to worker's harness. Must be used with a 3M™ and DEUS™ Escape and/or Rescue Kit. **Triple lock carabiner ideal for oil & gas applications.**
RTU Kits	**Product #**	**Kit Description**
	RTU	RTU is a mechanical advantage 4:1 system for vertical rescue lifting. Pre-rigged kit contains 1 cam locking pulley, 1 double pulley with integral swivel and 50 ft. of 7.5 mm blue kernmantle rope, (2) carabiners, Dyneema® sling and storage bag. Working length of 12.5 feet.
	RTU-OG	RTU is a mechanical advantage 4:1 system for vertical rescue lifting. Pre-rigged kit contains 1 cam locking pulley, 1 double pulley with integral swivel and 50 ft. of 7.5 mm blue kernmantle rope, (2) triple lock carabiners, Dyneema® sling and storage bag. **Triple lock carabiner ideal for oil & gas applications.** Working length of 12.5 feet.
Carabiners & "O" Rings	**Product #**	**Kit Description**
	SAL-2	Steel pear shaped, double lock carabiner for use with 3M™ and DEUS™ Escape and Rescue Kits. 4.5 in. overall length, internal 3.5 in. x 2.5 in., gate opening of 1 inch. 10,000 lb. with 3,600 lb. gate rated.
	STL-3	Steel pear shaped, triple lock carabiner for use with 3M™ and DEUS™ Oil & Gas Escape and/or Rescue Kits. 4.5 in. overall length, internal 3.5 in. x 2.5 in., gate opening of 1 inch. 10,000 lb. with 3,600 lb. gate rated.
	DEUS-O2	Rope termination thimble which eliminates rope wear caused by carabiner or other connector. #2 sized for 7.5 mm and 8 mm rope.
	DEUS-O4	Rope termination thimble which eliminates rope wear caused by carabiner or other connector. #4 sized for 12 mm rope.

Training required before use. Please contact your 3M Representative.

COMPONENTS/PARTS/ACCESSORIES

Edge Protectors for Use on Bucket Trucks	Product #	Kit Description
	DR100	Designed with proprietary laminate and nylon to protect moving and non-moving rope from damage when in contact with a leading edge. Dimensions: 17 in. x 6 in.
	DR1040G-12	Designed with proprietary laminate and nylon to protect moving and non-moving rope from damage when in contact with a leading edge. Dimensions: 12 in. x 2.25 in.

Straps/Slings	Product #	Kit Description
	753024	Strap used to form lower attachment point on harness using side D-rings. Also for use as replacement strap on 3M™ and DEUS™ Angled Descent Devices. Technora™ webbing is fire and cut resistant. 5,000 lb rated. **24 in. length**. NFPA-G certified. Tan color.
	753012	Strap used to form lower attachment point on harness using side D-rings. Also for use with 3M™ and DEUS™ Angled Descent Devices when a shorter strap is preferred. Technora™ webbing is fire and cut resistant. 5,000 lb rated. **12 in. length**. NFPA-G certified. Tan color.
	DR-DYNS-024	Dyneema® web sling can be used to form Prusik loop when using Rescue Transfer Unit. It is lightweight and cut resistant. 5,000 lb. rated. 24 in. length. Various colors.

Storage Bags	Product #	Kit Description
DR045	DR045	Black storage bag for belay rope storage. Dimensions: 2 ft wide x 1 ft. diameter.
	DR160-XS	Black storage bag for Escape and Rescue kit. Dimensions: 5 in. tall. Bag is for rope lengths up to 100 ft. of 8 mm rope.
	DR160-S	Black storage bag for Escape and Rescue kit. Dimensions: 10 in. tall. Bag is for rope lengths up to 200 ft. of 8 mm rope or 50 ft. of 12 mm rope.
	DR160-M	Black storage bag for Escape and Rescue kit. Dimensions: 15 in. tall. Bag is for rope lengths up to 300 ft. of 8 mm rope or 100 ft. of 12 mm rope.
	DR160-L	Black storage bag for Escape and Rescue kit. Dimensions: 20 in. tall. Bag is for rope lengths up to 350 ft. of 8 mm rope and RTU kit.
	DR241	Black storage bag to store 3M™ and DEUS™ Rescue Transfer Unit (RTU). Dimensions: 10 in. tall.

DR160-L

DR160-M

DR160-S

DR160-XS

DR241

Consider front and side D-rings when choosing a 3M™ Harness to be used with any of the 3M™ and DEUS™ Escape and Rescue products.

Ideal options include the 3M™ Elavation™ Harness 7511FQ and 3M™ Elavation™ Harness 7512FQ.

ESCAPE AND RESCUE

3M™ Elavation™ Full Body Harness 7511FQ

3M™ Elavation™ Premium Fall Protection Harness with Quick Connect Buckle Chest Connection, Quick Connect Buckle Leg Connection, Front, Back and Side D-rings. Protective covers for label pack, lanyard storage and web keepers.

- S-M, L-XL, XXL
- 400 lb. capacity

3M™ Elavation™ Full Body Harness 7512FQ

3M™ Elavation™ Premium Fall Protection Harness with Quick Connect Buckle Chest Connection, Quick Connect Buckle Leg Connection, Front, Back and Side D-rings with padded positioning belt with toolbelt holder. Protective covers for label pack, lanyard storage and web keepers.

- S-M, L-XL, XXL
- 400 lb. capacity

Rescue Accessory

Latchways Rescue Pole can be used with any 3M™ and DEUS™ Escape and Rescue Kit to aid in use with the Rescue Transfer Unit (RTU) for assisted rescue applications. Collapsed pole length: 2 ft. 8 inches and 11 ft. 2 inches at full extension. Product code: PRD-RescPole.

Training required before use. Please contact your 3M Representative.

WARNING

Compliant fall protection and emergency rescue systems help prevent serious injury during fall arrest. Users must read and understand the User Instructions provided with the product and be properly trained by their employer prior to use per OSHA 1910.66 and 1926.503 or applicable local standards. Misuse or failure to follow warnings and instructions may result in serious personal injury or death. For proper use, see supervisor, User Instructions, or call 3M OH&ESD Technical Service at 800-243-4630. In Canada, call 800-267-4414.

ISO 9001
FM 573368

3M

Personal Safety Division
3M Center, Building 235-2W-70
Saint Paul, MN 55144-1000
U.S.A.

For More Information

Sales Assistance:	800-328-1667
Technical Service:	800-243-4630 in U.S.A. 800-267-4414 in Canada
Website:	www.3M.com/FallProtection

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